JOURNAL OF
Neurobiology

Author Index to Volume 48

Anson, B. D., Roberts, W. M.: Sodium Channel Distribution of Uninnervated and Innervated Embryonic Skeletal Myotubes, 42
Arnold, P. M.: see Smirnova, I. V.

Badea, T., Goldberg, J., Mao, B., Yuste, R.: Calcium Imaging of Epileptiform Events with Single-Cell Resolution, 215
Beck, A., Lohr, C., Deitmer, J. W.: Calcium Transients in Subcompartments of the Leech Retzius Neuron as Induced by Single Action Potentials, 1
Birman, S.: see Cattaert, D.
Brenowitz, E. A.: see Wennstrom, K. L.

Cattaert, D., Birman, S.: Blockade of the Central Generator of Locomotor Rhythm by Noncompetitive NMDA Receptor Antagonists in *Drosophila* Larvae, 58
Cayre, M., Malaterre, J., Strambi, C., Charpin, P., Ternaux, J.-P., Strambi, A.: Short- and Long-Chain Natural Polyamines Play Specific Roles in Adult Cricket Neuroblast Proliferation and Neuron Differentiation *In Vitro*, 315
Charpin, P.: see Cayre, M.
Chiba, C.: see Tamalu, F.
Citron, B. A.: see Smirnova, I. V.
Clayton, D. F.: see Stripling, R.

Daniels, D., Miselis, R. R., Flanagan-Cato, L. M.: Transneuronal Tracing from Sympathectomized Lumbar Epaxial Muscle in Female Rats, 278
Debski, E. A.: see Tu, S.
Deitmer, J. W.: see Beck, A.
Dircksen, H.: see Persson, M. G. S.
Drahushuk, K. M.: see Guo, X.

Edgar, J. M.: see Levers, T. E.
Eklund, M. B.: see Persson, M. G. S.

Ferns, M.: see Gingras, J.
Festoff, B. W.: see Smirnova, I. V.
Flanagan-Cato, L. M.: see Daniels, D.

Gensert, J. M., Goldman, J. E.: Heterogeneity of Cycling Glial Progenitors in the Adult Mammalian Cortex and White Matter, 75
Gingras, J., Ferns, M.: Expression and Localization of Agrin during Sympathetic Synapse Formation *In Vitro*, 228
Goldberg, J.: see Badea, T.
Goldman, J. E.: see Gensert, J. M.
Guo, X., Lin, Y., Horbinski, C., Drahushuk, K. M., Kim, I.-J., Kaplan, P. L., Lein, P., Wang, T., Higgins, D.: Dendritic Growth Induced by BMP-7 Requires Smad1 and Proteasome Activity, 120

Harris, K.-L., Whitington, P. M.: Pathfinding by Sensory Axons in *Drosophila:* Substrates and Choice Points in Early Ich5 Axon Outgrowth, 243
Hebbeler, S. L., Verhovshek, T., Sengelaub, D. R.: Ovariectomy Attenuates Somal and Dendritic Growth in Hormone-Sensitive Spinal Motoneurons, 301
Higgins, D.: see Guo, X.
Horbinski, C.: see Guo, X.
Hotta, Y.: see Takasu-Ishikawa, E.

Islam, F.: see Jha, S. K.

Jha, S. K., Islam, F., Mallick, B. N.: GABA Exerts Opposite Influence on Warm and Cold Sensitive Neurons in Medial Preoptic Area in Rats, 291

Kaplan, P. L.: see Guo, X.
Kidokoro, Y.: see Takasu-Ishikawa, E.
Kim, I.-J.: see Guo, X.
Kruse, A. A.: see Stripling, R.

Lein, P.: see Guo, X.
Levers, T. E., Edgar, J. M., Price, D. J.: The Fates of Cells Generated at the End of Neurogenesis in Developing Mouse Cortex, 265
Lin, Y.: see Guo, X.
Lohmann, C., Wong, R. O. L.: Cell-Type Specific Dendritic Contacts between Retinal Ganglion Cells during Development, 150
Lohr, C.: see Beck, A.

Malaterre, J.: see Cayre, M.
Mallick, B. N.: see Jha, S. K.
Mao, B.: see Badea, T.
Miselis, R. R.: see Daniels, D.
Muren, J. E.: see Persson, M. G. S.

Nässel, D. R.: see Persson, M. G. S.

Persson, M. G. S., Eklund, M. B., Dircksen, H., Muren, J. E., Nässel, D. R.: Pigment-Dispersing Factor in the Locust Abdominal Ganglia May Have Roles As Circulating Neurohormone and Central Neuromodulator, 19

J Neurobiol, 48:327–328, 2001
© 2001 John Wiley & Sons, Inc.

Price, D. J.: see Levers, T. E.

Reeves, B. J.: see Wennstrom, K. L.
Rheuben, M. B.: see Takasu-Ishikawa, E.
Roberts, W. M.: see Anson, B. D.

Saito, T.: see Tamalu, F.
Schmidt, M.: Neuronal Differentiation and Long-Term Survival of Newly Generated Cells in the Olfactory Midbrain of the Adult Spiny Lobster, *Panulirus argus*, 181
Sengelaub, D. R.: see Hebbeler, S. L.
Smirnova, I. V., Citron, B. A., Arnold, P. M., Festoff, B. W.: Neuroprotective Signal Transduction in Model Motor Neurons Exposed to Thrombin: G-Protein Modulation Effects on Neurite Outgrowth, Ca^{2+} Mobilization, and Apoptosis, 87
Strambi, A.: see Cayre, M.
Strambi, C.: see Cayre, M.
Stripling, R., Kruse, A. A., Clayton, D. F.: Development of Song Responses in the Zebra Finch Caudomedial Neostriatum: Role of Genomic and Electrophysiological Activities, 163

Takasu-Ishikawa, E., Yoshihara, M., Ueda, A., Rheuben, M. B., Hotta, Y., Kidokoro, Y.: Screening for Synaptic Defects Revealed a Locus Involved in Presynaptic and Postsynaptic Functions in *Drosophila* Embryos, 101
Tamalu, F., Chiba, C., Saito, T.: Gap Junctional Coupling between Progenitor Cells at the Retinal Margin of Adult Goldfish, 204
Ternaux, J.-P.: see Cayre, M.
Tu, S., Debski, E. A.: Neurotrophins, but Not Depolarization, Regulate Substance P Expression in the Developing Optic Tectum, 131

Ueda, A.: see Takasu-Ishikawa, E.

Verhovshek, T.: see Hebbeler, S. L.

Wang, T.: see Guo, X.
Wennstrom, K. L., Reeves, B. J., Brenowitz, E. A.: Testosterone Treatment Increases the Metabolic Capacity of Adult Avian Song Control Nuclei, 256
Whitington, P. M.: see Harris, K.-L.
Wong, R. O. L.: see Lohmann, C.

Yoshihara, M.: see Takasu-Ishikawa, E.
Yuste, R.: see Badea, T.

JOURNAL OF
Neurobiology

Subject Index to Volume 48

Acetylcholine receptors, 42
Acidic protein, 265
Adult neurogenesis, 181
Adult progenitors, 75
Alpha ganglion cells, 150
α-Dystroglycan, 228
Apontic, 101
Apoptosis, 87
Axon, 1
Axon guidance, 243

Bicuculline, 215
Bone morphogenetic protein, 120
Brain-derived neurotrophic factor (BDNF), 131
BrdU, 75, 181

Cell culture, 315
Cell migration, 265
Choice points, 243
CNS, 75
Confocal microscopy, 1
Cortex, 215
Corticogenesis, 265
Cycling cells, 75
Cytochrome oxidase, 256

Decapod crustacean, 181
Dendrite, 1, 120
Dendritic contact, 150
Dopamine-β-hydroxylase, 278
Drosophila embryo, 243
Drosophila embryos, 101
Drosophila melanogaster, 58

Electrophysiology, 19
Electrophysiology, 163
Enzyme immunoassay, 19
Epilepsy, 215
Estrogens, 301

Ferret, 150
Frog, 131

GABA-A receptors, 291
Gap junction, 204
Glial fibrillary, 265
Gliogenesis, 265
Glutamate, 58
G-proteins, 87

Hirudo medicinalis, 1

Immediate early gene, 163
Immunocytochemistry, 19, 181
Immunotoxin, 278
Insect mushroom body, 315
Interictal, 215
Iontophoresis, 291

Juvenile, 163

Lactacystin, 120
Lethal mutants, 101
Lineage, 75
Locomotor rhythm, 58
Loose-seal patch clamp, 42
Lordosis, 278

MK 801, 58
Morphology, 301
Motoneuron, 301
Motor activity, 19
mPOAH, 291

Neurite outgrowth, 315
Neurite retraction, 87
Neurogenesis, 315
Neuromuscular junction, 42
Neuromuscular junctions, 101
Neuronal acetylcholine receptors, 228
Neuropeptide, 19
Neurosecretory cells, 19
Neurotrophin-4/5 (NT-4/5), 131
NMDA receptor, 58

O4, 75
Olfactory midbrain, 181

Phencyclidine, 58
Photorefractory, 256
Picrotoxin, 291
Polyamines, 315
Progenitor cells, 204
Protease-activated receptor, 87
Proteasome, 120
Pseudorabies virus, 278

QKI, 265

Retina, 150

Seasonal, 256
Sensory axons, 243
Skeletal myotubes, 42
Sliced retina, 204
Smad, 120
Sodium channels, 42
Song system, 256
Songbird, 256
Superior cervical ganglia, 228
Sympathectomy, 278
Synaptic defects, 101
Synaptogenesis, 228

Thermosensitive neurons, 291
Thrombin, 87
Tracer coupling, 204
Trachea, 243
Tract tracing, 278
Two-photon microscopy, 150

Visual plasticity, 131
Visual system, 131
Voltage-gated calcium channel, 1

Whole-cell patch-clamp, 204

Zebra finch, 163
Zenk, 163

J Neurobiol, 48:329, 2001
© 2001 John Wiley & Sons, Inc.